



Guide for configuring and working with the CORTEX WinSC integration module

ACFA PSIM 1.4

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1 Introduction into the Guide for configuring and working with the CORTEX WinSC integration module

On the page:

- [Purpose of the document](#)
- [General information about the CORTEX WinSC integration module](#)

1.1 Purpose of the document

The *Guide for configuring and working with the CORTEX WinSC integration module* is a reference and information manual and is intended for configuration specialists of the *CORTEX WinSC* integration module. This module is a part of the fire and security alarm (FSA) subsystem implemented on the basis of *ACFA PSIM*.

The Guide has the following information:

1. General information about the *CORTEX WinSC* integration module.
2. Configuring the *CORTEX WinSC* integration module.
3. Working with the *CORTEX WinSC* integration module.

1.2 General information about the CORTEX WinSC integration module

The *CORTEX WinSC* integration module is a part of the FSA implemented on the basis of *ACFA PSIM* and is used to perform the following functions:

1. Configuration of the *CORTEX WinSC* controller (manufactured by the *KORTEKS* company).
2. Providing interaction of the *CORTEX WinSC* controller with *ACFA PSIM* (monitoring, control).

Note

For detailed information about the *CORTEX WinSC* FSA, refer to the official reference documentation for this system.

Before configuring the *CORTEX WinSC* integration module, do the following:

1. Install the *CORTEX WinSC* hardware on the protected facility (see the official *CORTEX* reference documentation).
2. Connect the *CORTEX WinSC* controller to the *Axxon PSIM* server (see the official *CORTEX* reference documentation).

2 Supported software and licensing of the CORTEX WinSC module

Manufacturer	<p>KORTEKS, SIA</p> <p>Address: Liksnas street 7, Riga, LV-1003, Latvia</p> <p>Phone: +371 67 505 603</p> <p>Fax: +371 67 505 604</p> <p>Email: support@cortex.lv</p> <p>Website: cortex.eu</p>
Type of integration	SOFT-SOFT

Supported software

Software	Function
CORTEX Security Commander for Windows v5.xx	Monitoring of fire and security alarm system in Windows OS

Module licensing

Per each zone as ACFA sensor.

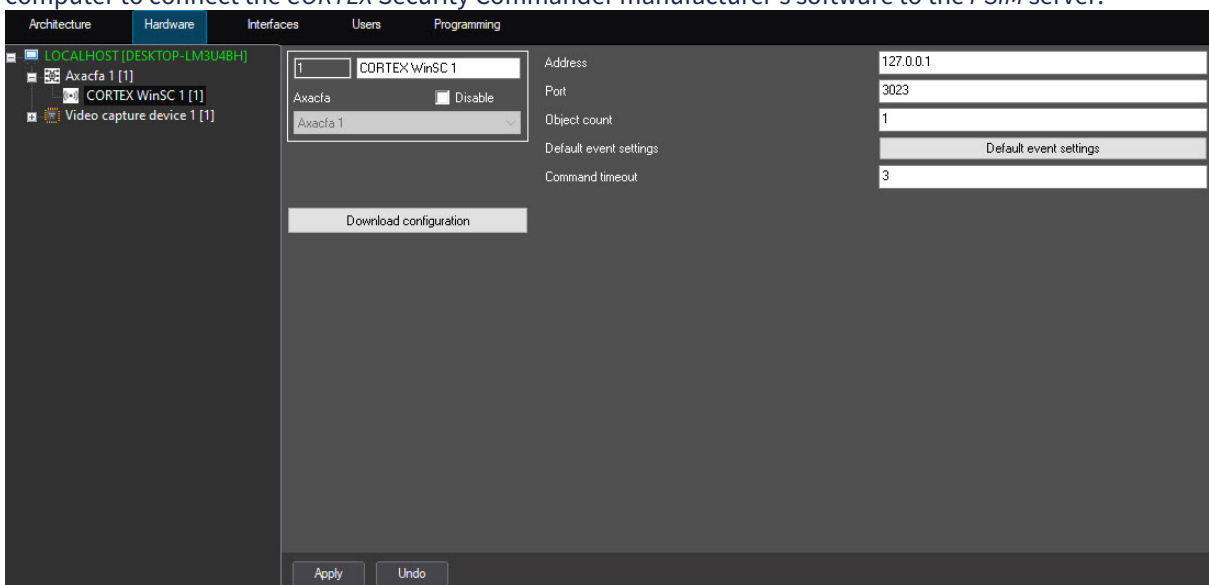
3 Configuring the CORTEX WinSC integration module

3.1 Configuring the parent object of the CORTEX WinSC integration module

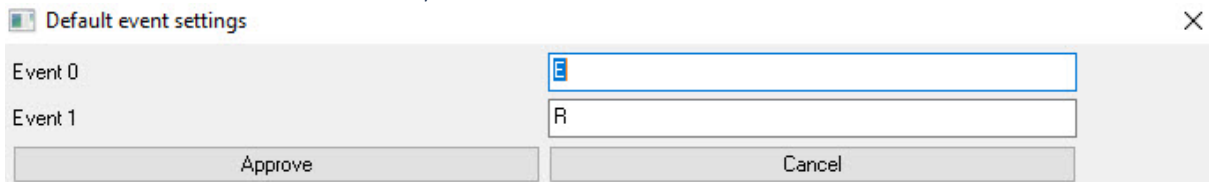
To work with the *CORTEX WinSC* integration module, you must install and configure the *AxACFA* feature. For more details, see [Connecting and configuring the AxACFA feature](#).

To configure the *CORTEX WinSC* parent object, do the following:

1. Create the **CORTEX WinSC** parent object on the basis of the **Axacfa** object on the **Hardware** tab of the **System settings** window.
2. On the settings panel of the **CORTEX WinSC** object in the **Address** field, specify the IP address of the computer to connect the *CORTEX Security Commander* manufacturer's software to the *PSIM* server.

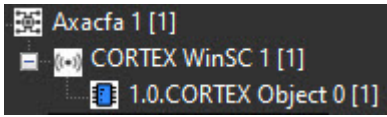


3. In the **Port** field, specify the number of the port to connect the *CORTEX Security Commander* manufacturer's software to the *PSIM* server.
4. In the **Object count** field, specify the number of the objects created in the system when downloading the configuration. The default value is **1**.
5. Click the **Default event settings** button to change default events (events are used from the *CORTEX Security Commander* manufacturer's software).



6. In the **Command timeout** field, specify in seconds the period during which the *CORTEX* controller waits for commands.
7. Click the **Apply** button to save the changes.

- Click the **Download configuration** button to download the configuration and automatically build the hardware tree:

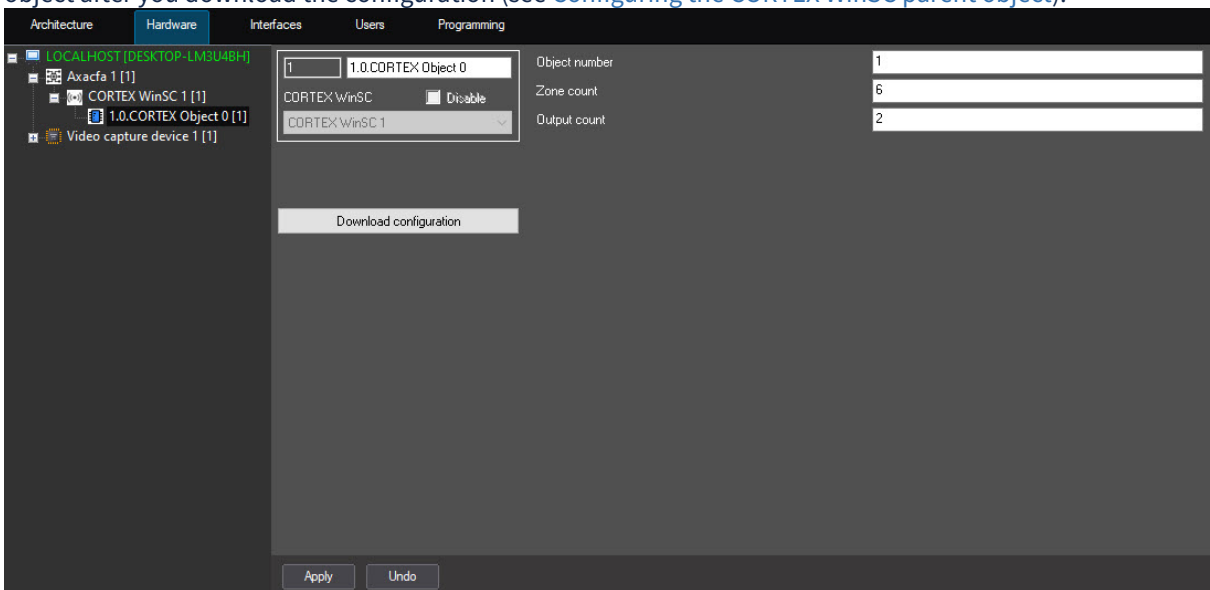


Configuration of the *CORTEX WinSC* parent object is complete.

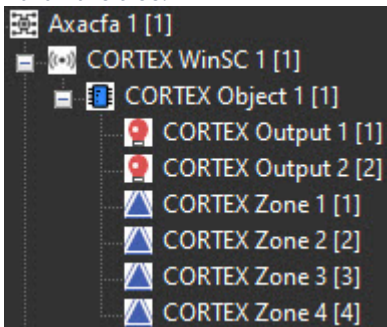
3.2 Configuring the object of the CORTEX WinSC integration module

To configure the object of the *CORTEX WinSC* integration module, do the following:

- Go to the settings panel of the **CORTEX Object** that is created on the basis of the **CORTEX WinSC** parent object after you download the configuration (see [Configuring the CORTEX WinSC parent object](#)).



- In the **Object number** field, specify the object number in the system.
- In the **Zone count** field, specify the number of zones created on the basis of this object when downloading the configuration.
- In the **Output count** field, specify the number of outputs created on the basis of this object when downloading the configuration.
- Click the **Apply** button to save the settings.
- Click the **Download configuration** button to download the configuration and automatically build the hardware tree:

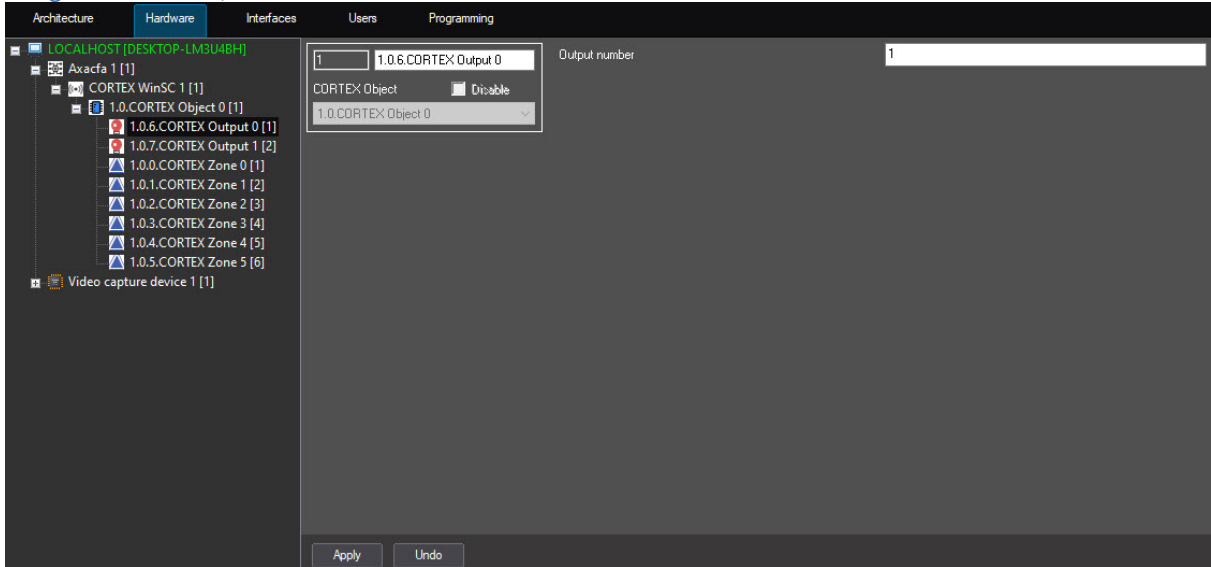


Configuration of the object of the *CORTEX WinSC* integration module is complete.

3.3 Configuring the output of the CORTEX WinSc integration module

To configure the output of the *CORTEX WinSC* integration module, do the following:

1. Go to the settings panel of the **CORTEX Output** object that is created on the basis of the **CORTEX Object** after you download the configuration (see [Configuring the object of the CORTEX WinSC integration module](#)).



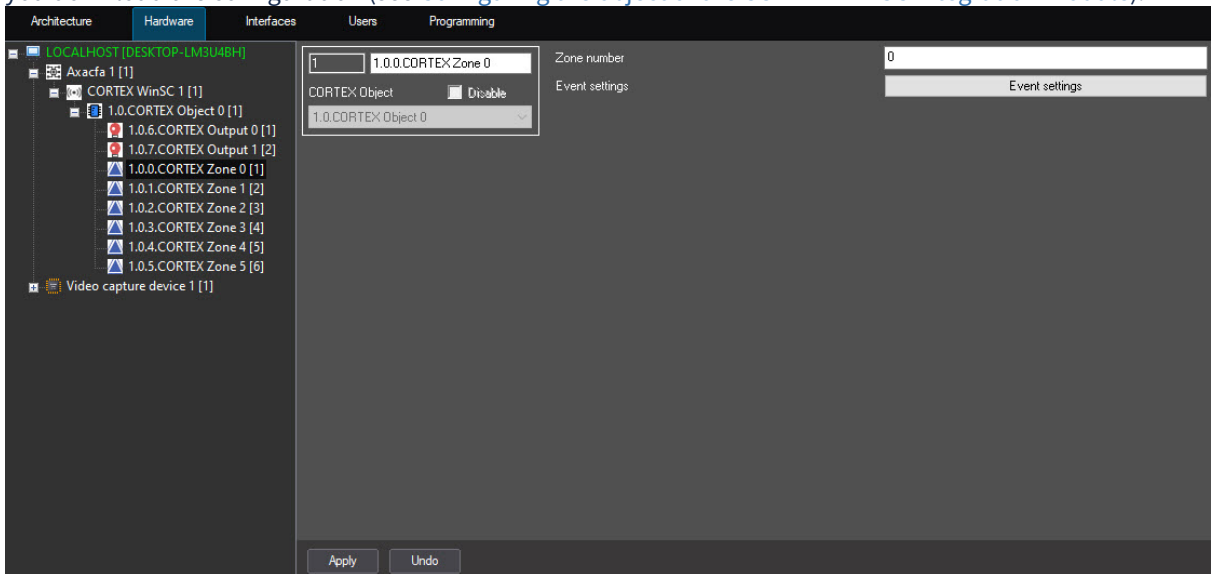
2. In the **Output number** field, specify the output number in the system.
3. Click the **Apply** button to save the settings.

Configuration of the output of the *CORTEX WinSC* integration module is complete.

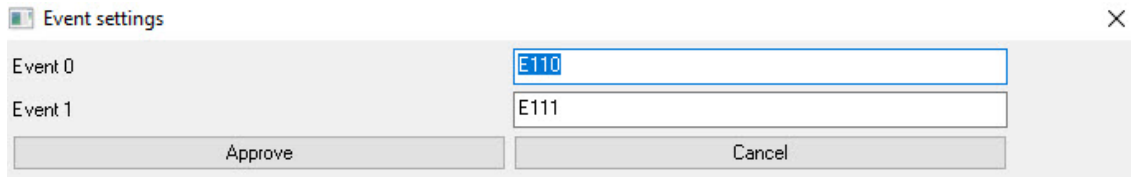
3.4 Configuring the zone of the CORTEX WinSC integration module

To configure the zone of the *CORTEX WinSC* integration module, do the following:

1. Go to the settings panel of the **CORTEX Zone** object that is created on the basis of the **CORTEX Object** after you download the configuration (see [Configuring the object of the CORTEX WinSC integration module](#)).



2. In the **Zone number** field, specify the zone number in the system.
3. Click the **Event settings** button.
 - a. In the window that opens, specify events for this zone. Events are specified from the CORTEX Security Commander manufacturer's software.



The screenshot shows a dialog box titled "Event settings" with a close button (X) in the top right corner. The dialog contains two text input fields. The first field is labeled "Event 0" and contains the text "E110". The second field is labeled "Event 1" and contains the text "E111". At the bottom of the dialog, there are two buttons: "Approve" on the left and "Cancel" on the right.

- b. Click the **Approve** button to save the settings.
4. Click the **Apply** button.

Configuration of the zone of the *CORTEX WinSC* integration module is complete.

4 Working with the CORTEX WinSC integration module

4.1 General information about working with the CORTEX WinSC integration module

To work with the *CORTEX WinSC* integration module, use the following interface objects:

1. **Map.**
2. **Event Viewer.**




For the information on configuring these interface objects, see the *Axxon PSIM Administrator's Guide*.

For the information on working with these interface objects, see the *Axxon PSIM Operator's Guide*.

4.2 Managing the parent object and zone of the CORTEX WinSC integration module

You cannot manage the parent object and zone of the *CORTEX WinSC* integration module in the **Map** window.

The parent object and zone of the *CORTEX WinSC* integration module can have the following states:

	Unknown
	Connection established
	Connection lost




4.3 Managing the object of the CORTEX WinSC integration module

You can manage the object of the *CORTEX WinSC* integration module in the **Map** window using the menu of the corresponding object.

Commands to manage the object of the *CORTEX WinSC* integration module are described in the table:

Menu command	Function
STAY arming	Leave the <i>CORTEX WinSC</i> object armed
AWAY arming	Arm the <i>CORTEX WinSC</i> object
Disarming	Disarm the <i>CORTEX WinSC</i> object

The *CORTEX WinSC* object can have the following states:

	Unknown
	Connection established
	Connection lost




4.4 Managing the output of the CORTEX WinSC integration module

You can manage the output of the *CORTEX WinSC* integration module in the **Map** window using the menu of the corresponding object.


Commands to manage the output of the *CORTEX WinSC* integration module are described in the table:

Menu command	Function
Turn output on	Turn on the <i>CORTEX WinSC</i> output
Turn output off	Turn off the <i>CORTEX WinSC</i> output

The *CORTEX WinSC* output can have the following states:

	Unknown
	Connection established
	Connection lost

4.5 Example of a configured macro of the CORTEX WinSC integration module

-  [Creating and using macros](#)
[Examples of macros](#)

When working with the *CORTEX WinSC* integration module, you can configure a macro that triggers when an event is received from *CORTEX WinSC* devices.

Example of a configured macro:

3 Macro 3 Disable Response sending delay (s): 5

Fast call: None Icon type: Macro 1

Settings

State: Standard Local Hidden

Events				Parameters	
Type	Number	Name	Event	Name	Value
CORTEX Object	1	1.0.CORTEX Object 0	Command failed		

Actions				Parameters	
Type	Number	Name	Action	Name	Value
CORTEX Object	1	1.0.CORTEX Object 0	STAY arming		

Apply Undo